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ABSTRACT

This book is designed to introduce education students to the essentials of measurement and evaluation. It focuses on the topics essential to effective classroom teaching and treats these topics in a way that emphasizes the human context that surrounds and guides their use. The book is organized into three main sections. The first is understanding measurement principles, and the second is constructing and analyzing classroom tests. The third section examines specific tests in the areas of intelligence, interests, aptitudes, and adjustment. The following chapters are included: (1) "An Introduction to Educational Measurements" ; (2) "Elementary Statistical Concepts"; (3) "Reliability"; (4) "Validity"; (5) "Norms, Standardization Procedures, and Expectancy Tables"; (6) "Selecting and Critiquing Standardized Tests"; (7) "Constructing Classroom Tests"; (8) "Item Analysis and Item Revision"; (9) "Interpretive Exercises and Essay Tests"; (10) "Performance Assessment"; (11) "Measuring Thinking Processes"; (12) "Binet and His Great Invention"; (13) "Measuring Intelligence"; (14) "Measuring Aptitude"; (15) "Measuring Interests"; (16) "Measuring Affective Aspects of Schooling"; and (17) "New Trends in Testing." (Contains 37 tables, 47 figures, and 184 references.) (SLD)

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